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On the Health and Sanitary Condition of the

WARMINSTER AND WESTBURY RURAL DISTRICT

for the year

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Presented to the

WARMINSTER AND WESTBURY RURAL DISTRICT COUNCIL

by

J. REYNOLDS,

Medical Officer of Health of  
the Warminster and Westbury  
Rural District Council.

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Health Department,  
Craven House,  
Warminster,  
Wilts.

TO. The Chairman of the Warminster and Westbury Rural District Council.

Sir,

As directed by the Ministry of Health Circular 28/54 dated 15th December, 1954, I have pleasure in presenting my Annual Report relating to the health and sanitary circumstances of this Rural District.

It is followed by the Report of the Senior Sanitary Inspector, Mr. W.F.C. Merrett, which contains detailed information regarding the sanitary work in the district.

In carrying out my duties I have been greatly helped by the whole hearted co-operation of all the general practitioners in the area and, needless to say, without the aid of the Director of the Public Health Laboratory in Bath much of the work could not have been done.

Again I am pleased to thank all Members of the Council for their support and co-operation and it is necessary to stress my indebtedness to your Clerk and all Members of the Public Health Department.

Your obedient servant,

JOSEPH REYNOLDS.

WARMINSTER AND WESTBURY RURAL DISTRICT COUNCIL.

Chairman of the Council. C.R. Algar Esq., J.P.

Vice Chairman. J. Marriott Esq.

Members of the Public Health Committee:

Councillors:	Mrs. L. Sykes (Chairman)	J. Marriott.
	C.R. Algar, J.P.	W.J. Oram.
	G.H. Benham.	S.H. Stafford.
	Mrs. F.E. Hobbs.	W. Wallis.
	A.L. Wheeler.	

MEETING: Friday before the second Monday in each month at 2.30 p.m.

Public Health Officers of the Authority:

Joseph Reynolds, M.C., L.R.C.P. Edin., L.R.C.S. Edin.,  
L.R.F.P. & S., Glas., D.P.H. (Eng.)

Chief Sanitary Inspector (Part-time).

W.F.C. Merrett, M.R.S.I., M.S.I.A.

Additional Sanitary Inspector.

W. Meredith, M.S.I.A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area of District (in acres)	87,096
Population - Registrar General's Estimate as at 30.6.54.	13,620
Density of Population - Acres per Person.	6.4
Number of Inhabited Houses and Flats as at 31.12.54.	4,233
Number of Council Houses at 31st December, 1954.	525
Rateable Value on 1.4.54.	£62,166
Product of a Penny Rate year ending 31.3.54.	£259.0s.0d.

# VITAL STATISTICS.

a)	<u>Live Births.</u>	<u>Male.</u>	<u>Female.</u>
	TOTAL	95	116
	Legitimate	90	112
	Illegitimate	5	4
	<u>Live Birth Rate per</u> <u>1,000 population of the</u> <u>Rural District.</u>	15.5	
	<u>Live Birth Rate of the</u> <u>Rural District after correction</u> <u>by Area Comparability Factor.</u>	18.6	
	<u>Live Birth Rate per 1,000</u> <u>population of England &amp; Wales.</u>	15.2	
b)	<u>Still Births.</u>	<u>Male.</u>	<u>Female.</u>
	TOTAL	1	3
	Legitimate	-	3
	Illegitimate	1	-
c)	<u>Deaths.</u>	62	58
	<u>Crude Death Rate per 1,000</u> <u>population of the Rural District</u>	8.8	
	<u>Crude Death Rate after</u> <u>correction by Area Comparability</u> <u>Factor.</u>	7.7	
	<u>Death Rate per 1,000</u> <u>population of England and Wales</u>	11.4	
d)	<u>Deaths of Infants</u> <u>under one year of age.</u>	<u>Male.</u>	<u>Female.</u>
	TOTAL	2	1
	Legitimate	2	1
	Illegitimate	-	-
e)	<u>Deaths of Infants</u> <u>under 4 weeks of</u> <u>age.</u>		
	TOTAL	2	-
	Legitimate	2	-
	Illegitimate	-	-

f)	<u>Causes of Death.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Rate per</u> <u>1,000</u> <u>popula-</u> <u>tion.</u>
	<u>Group A - Certain Communicable Diseases.</u>				
1.	Tuberculosis, respiratory	0	0	0	
2.	Tuberculosis, other.	1	0	1	
3.	Syphilitic disease.	1	0	1	
4.	Diphtheria	0	0	0	
5.	Whooping Cough	0	0	0	
6.	Meningococcal infections	0	0	0	
7.	Acute poliomyelitis	0	0	0	
8.	Measles	0	0	0	
9.	Other infective and parasitic diseases (except Influenza and Pneumonia)	0	0	0	
	Total Group A.	2	0	2	0.1
	<u>Group B - Cancer and related Malignant Disease.</u>				
10.	Malignant neoplasm, stomach	1	2	3	
11.	Malignant neoplasm, lung, bronchus	4	0	4	
12.	Malignant neoplasm, breast.	0	0	0	
13.	Malignant neoplasm, uterus.	0	2	2	
14.	Other malignant and lymphatic neoplasms.	8	9	17	
15.	Leukaemia, aleukaemia.	0	0	0	
	Total Group B.	13	13	26	1.9
	<u>Group C.</u>				
16.	Diabetes	0	1	1	0.05
	<u>Group D Heart Disease and other diseases of circulatory system.</u>				
17.	Vascular lesions of nervous system.	6	11	17	
18.	Coronary disease, angina.	11	5	16	
19.	Hypertension with heart disease.	0	0	0	
20.	Other heart disease.	8	9	17	
21.	Other circulatory disease.	4	3	7	
		29	28	57	4.2



f) Continued.				
	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Rate per</u> <u>1,000</u> <u>popula-</u> <u>tion.</u>
<u>Causes of Death.</u>				
<u>Group E. Respiratory diseases</u> <u>(other than tuberculosis).</u>				
22. Influenza	0	0	0	
23. Pneumonia	1	2	3	
24. Bronchitis	4	1	5	
25. Other diseases of respiratory system.	1	0	1	
	<hr/>	<hr/>	<hr/>	
Total Group E	6	3	9	0.7
<u>Group F.</u>				
26. Ulcer of Stomach and duodenum	1	1	2	
27. Gastritis, enteritis and diarrhoea.	0	2	2	
28. Nephritis and nephrosis.	0	0	0	
29. Hyperplasia of prostate	1	0	1	
30. Pregnancy, childbirth, abortion	0	0	0	
31. Congenital malformations	1	0	1	
32. Other defined and ill-defined diseases.	5	10	15	
	<hr/>	<hr/>	<hr/>	
Total Group F.	8	13	21	1.5
<u>Group G. Accidents and Violence.</u>				
33. Motor Vehicle Accidents	1	0	1	
34. All other accidents	1	0	1	
35. Suicide.	2	0	2	
36. Homicide and operations of war.	0	0	0	
	<hr/>	<hr/>	<hr/>	
Total Group G	4	0	4	0.3
TOTAL	62	58	120	8.8

# TABLE OF BIRTH AND DEATH RATES.

(Local Rates after correction by Area Factors.)

Year	Population	Births	Rate per 1,000 population Warminster and Westbury Wales.	Rate per 1,000 population England and Wales.	Deaths	Rate per 1,000 population Warminster and West- bury.	Rate per 1,000 population England and Wales	Deaths of Infants under one year of age.
1950	13,570	243	18.9	15.8	173	10.5	11.6	9
1951	14,070	231	18.2	15.5	167	9.9	12.5	3
1952	13,910	198	17.4	15.3	169	10.1	11.3	4
1953	13,760	236	19.1	15.4	137	8.3	11.4	5
1954	13,620	211	18.6	15.2	120	7.7	11.5	5

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

#### a) Laboratory Facilities.

The district is fortunate in having laboratory facilities available to the East and to the West, i.e. in the Pathological Department of the Salisbury Infirmary and the Public Health Laboratory in Bath. Practitioners in the district use the most convenient laboratory, a practice followed by this Department when forwarding specimens of water, milk, ice-cream, or suspected foodstuffs for bacteriological investigation.

#### b) Ambulance Service.

The Ambulance service is provided and controlled by the Wiltshire County Council. The service to this district is controlled from Bradford-on-Avon where the station is manned continuously. A sub-station in Warminster also serves the district. Non-emergency calls must originate from a doctor, dentist, or midwife.

To obtain an ambulance in an emergency:-

where there is a dialling system in operation, dial 999

where there is no dialling system, lift the receiver and ask for an ambulance.

#### c) Midwifery, Home Nursing, Health Visitors and Home Helps.

These services are provided and controlled by the Wiltshire County Council, County Hall, Trowbridge, telephone Trowbridge 3641.

#### d) Clinics and Treatment Centres.

The following Clinics serve the districts:-

##### 1. Ante Natal:

At the Maternity Hospitals concerned.

Consultant Clinics are at Trowbridge and Bradford-on-Avon for patients referred by their own doctor or midwife.

##### 2. Infant Welfare:

Methodist Chapel, George Street, Warminster at 2.30 p.m. on the first and third Fridays of each month.

Methodist Schoolroom, Station Road, Westbury at 2.30 p.m. on the first and third Thursdays of each month.

Progressive Hall, North Bradley at 2.30 - 4 p.m. on the second and fourth Wednesdays of each month.

Trowbridge C.C. Clinic, The Halve, at 2 p.m. on every Tuesday and Thursday.

##### 3. Paediatrics.

Warminster Hospital on second Friday in each month.

##### 4. Diphtheria Immunization.

Immunization is undertaken by the County Council and Medical Officers visit the schools in outlying villages at specific dates for this purpose. All family Doctors will also carry out immunization.

The Warminster Clinic is held on the fourth Friday of every month at 2 p.m., at the Methodist Schoolroom, George Street, Warminster.

The Westbury Clinic is held on the fourth Thursday of every month at 2.30 p.m., at the Laverton Institute, Westbury.



5. Ear, Nose and Throat.  
By invitation from the County Council or through the family doctor.  
Trowbridge and District Hospital first and third Saturday in each month.
6. Eye.  
By invitation from the County Council.  
Second and fourth Friday in each month.
7. Orthopaedic.  
At Trowbridge, by invitation from the County Council or through the family doctor.  
Warminster, on first Monday, first Friday and fourth Thursday in each month.
8. Gynaecology.  
At Warminster Hospital on fourth Wednesday in each month, and at Westbury Hospital on first and third Monday.
9. Tuberculosis.  
Trowbridge - every Saturday at 10 a.m. - 1 p.m.  
  
Cases referred by own Doctor or by invitation from County Council.
10. Rheumatism.  
Alternate Wednesday at Trowbridge and District Hospital.
11. Cancer.  
At Bristol and Bath, by arrangement with the County Council.
12. Mental Illness.  
Trowbridge and District Hospital, every Tuesday afternoon.
13. Chiropody.  
By arrangement with the County Council.
14. Venereal Diseases.

	<u>MEN.</u>	<u>WOMEN.</u>
County Council Clinic, The Halve, Trowbridge.	Tuesday - 5 - 6.30 p.m.	Tuesday - 5 - 6.30 p.m.
General Infirmary, Salisbury.	Tuesday - 11.30 a.m. - 1 p.m.	Wednesday - 6 - 7.30 p.m.
	Friday - 6 - 7.30 p.m.	Saturday - 11.30 a.m. - 1 p.m.
Royal United Hospital, Bath.	Friday - 5 p.m. Saturday - 5 p.m.	Tuesday - 5 p.m. Friday - 2.30 p.m.
St. Martin's Hospital, Bath.	Tuesday - 2 p.m.	Tuesday - 2 p.m.

e) Hospitals.

The four hospitals noted below are within the Rural Area in the respective Urban Districts and are controlled by the West Wiltshire Hospital Management Committee.

	<u>Beds.</u>	<u>Classification.</u>	<u>Type of case dealt with.</u>
Warminster Hospital.	30	Wholly general.	} Acute medical and surgical cases. } Gynaecological cases. } Chronic sick patients for short periods only.
Westbury and District Hospital.	20	do.	
Sambourne Hospital.	95	Mainly chronic sick.	
Beckford Orthopaedic Hospital, Warminster.	32	Orthopaedic	} Aged chronic sick. } Accommodation reserved to the County Council for 40 Welfare residents. Accommodation provided for 11 wayfarers.

Many residents also attend and receive treatment at several Hospitals in Bath and Salisbury.

Maternity cases are admitted to hospitals at Bradford-on-Avon, Trowbridge and Salisbury.

Cases of infectious diseases are admitted to Isolation Hospitals at Trowbridge, Bath and Salisbury. The majority of cases of Tuberculosis are admitted to Winsley Chest Hospital and the Manor Hospital, Bath.

f) Mortuary.

An annual payment is made to the West Wiltshire Hospital Management Committee for mortuary facilities at the Sambourne Hospital, Warminster. The visiting Pathologist has expressed his satisfaction with the facilities provided.

GENERAL INFORMATION.

Ministry of Labour and National Service.

1 Bratton Road,  
Westbury.  
Telephone: Westbury 296.

Weymouth Street,  
Warminster.  
Hours: 9 - 5 p.m.  
Telephone: Warminster 2351.

Registrar of Births, Marriages and Deaths.

Town Hall, Warminster.  
Hours: 10 - 11.30 a.m.  
Monday, Wednesday and Friday.

Springfield Road,  
Westbury.  
Westbury 22.

National Assistance Board.

School Lane,  
Bellvue Road,  
Salisbury.  
Telephone: Salisbury 2261.

Bellefield House,  
Hilperton Road,  
Trowbridge.  
Telephone: Trowbridge 2348.

General Information (Contd.)

Ministry of Pensions and National Insurance.

Weymouth Street, Warminster. Telephone: Warminster 2351. Hours 9 - 5 p.m.	Wallbridge House, Portway, Frome. Telephone: Frome 2373.
Bellefield House, Hilperton Road, Trowbridge.	

Mental Health Officers.

	<u>Home Address.</u>	<u>During Office Hours.</u>	<u>Outside Office Hours.</u>
Mr. C.J.Lewis	40 Westbourne Rd., Trowbridge.  Telephone: Trowbridge 2696.	County Hall, Trowbridge.  Telephone: Trowbridge 3641.	) Telephone Bradford-on-Avon Ambulance Station to contact the officer on duty. Telephone Bradford-on-Avon 2271.
Deputy: Miss B.A.Bessant	20 Wilcot, Pewsey.  Telephone: Pewsey 2243.	2 Church Street, Pewsey.  Telephone: Pewsey 3259.	

SECTION C.

PREVENTION AND CONTROL OF INFECTIOUS AND OTHER DISEASES.

Emergency supplies of sera for the treatment of anthrax, botulism and snake-bite are kept at the Ham Green Hospital, Bristol (tel.31165).

Infectious Diseases notified during 1954.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	TOTAL
Scarlet Fever	-	1	-	-	-	-	-	-	-	-	1	-	2
Measles	1	10	19	7	-	1	-	-	-	-	-	-	38
Whooping Cough	7	3	2	1	1	-	-	-	-	-	1	4	19
Pneumonia	-	-	-	-	2	1	-	-	-	-	-	-	3
Erysipelas	-	-	-	-	1	-	-	-	-	-	-	-	1
Puerperal Pyrexia	-	-	-	1	-	-	-	-	-	-	-	-	1
Diphtheria	-	-	1	-	-	-	-	-	-	-	-	-	1

	<u>1949.</u>	<u>1950.</u>	<u>1951.</u>	<u>1952.</u>	<u>1953.</u>	<u>1954.</u>
Measles	199	3	209	38	313	38
Whooping Cough	32	119	23	115	33	19
Scarlet Fever	2	10	18	10	3	2
Acute Poliomyelitis	3	-	1	3	4	-
Food Poisoning	1	-	-	2	6	-
Puerperal Pyrexia	1	-	-	-	2	1
Lobar Pneumonia	1	2	-	-	-	3
Influenzal Pneumonia	1	-	5	3	5	-
Ophthalmia Neonatorum	1	-	-	-	2	-
Typhoid Fever	-	1	-	-	-	-
Malaria	2	-	-	-	-	-
Erysipelas	-	5	3	2	1	1
Dysentery	1	-	2	-	-	-
Cutaneous Anthrax	-	1	-	-	-	-
Meningitis	-	-	-	-	1	-
Diphtheria	1	-	-	-	-	1



<u>Tuberculosis.</u>	<u>Pulmonary.</u>		<u>Non-Pulmonary.</u>	
	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
Cases on Register at 21.12.54.	33	28	15	8
New Cases notified during 1954.	5	4	2	-
Transfers in.	-	1	-	-
Deaths.	-	-	1	-
Recovered.	-	1	3	1
Transferred out of district	3	-	1	-

The figures relating to Whooping Cough lead one to hope that cases of this disease will become less frequent as the numbers of infants immunized against this disease increase.

The incidence of measles presents a biennial pattern as in the rest of England and Wales. Although no death has ensued from this disease it cannot be regarded as a trivial childhood infection since its complications can produce severe disability and cases of encephalitis due to measles have occurred in the district. Supplies of serum for treating selected cases or prophylaxis of selected cases of measles are available to medical practitioners on application to the Director of the Public Health Laboratory at Bath.

The ubiquitous streptococcus is always present in the district causing scarlet fever and erysipelas. Every person with a sore throat should be fully aware that although he or she is not sickening with a rash the germs causing the sore throat can cause scarlet fever. Obviously it is not fair to one's fellow citizens to spread such an infection and all steps should be taken to prevent such dissemination. "Coughs and sneezes" can spread infections other than the common cold.

The single case of diphtheria notified occurred in an adult and was never confirmed bacteriologically; the diagnosis was made in consequence of neurological signs thought to be the result of infection with diphtheritic organisms. Despite the case being a school teacher none of the children in the school developed the disease although only a small percentage of the children had been immunized against diphtheria.

Poliomyelitis (Infantile Paralysis) has made sporadic appearances, not in infants, but mainly in young adults, following the general age pattern of infection in this country. It can be assumed that for one case admitted to hospital about ten persons were infected and were infectious to others although they did not show any signs of disease. To prevent such infection the strictest care in preparation of food is necessary. Dysentery, poliomyelitis and food poisoning are too common diseases of the period in which we live and, it is worth repeating, will only become uncommon as a result of strict hygiene in preparing and partaking of food and drink.

A minor epidemic of Undulant Fever involving at least 12 (twelve) cases was rapidly brought under control by the diversion of the infected milk supply for pasteurization. Later it was possible to discover the beasts which were excreting the organisms in milk and remove them from the herd. Since cases of non-pulmonary tuberculosis caused by infected milk still occur in the district it is obvious that to avoid both this type of infection and undulant fever the public are well advised to drink only pasteurized milk.

National Assistance Act, 1948.

No action under this section has been necessary during 1954.



DIPHTHERIA IMMUNIZATION AND VACCINATION AGAINST SMALLPOX STATISTICS 1954.

(By courtesy of Dr.C.D.L.Lycett, C.M.O.H., Wiltshire.)

Age Group	Under 1	1	2	3	4	5 - 9	10 - 14	Total under 15
Primary imms. completed during 1954	78	71	18	10	4	13	2	196
Reinf. injs. administered during 1954	-	-	-	-	13	149	123	285
Total immunized child population at 31st Dec.1954	9	106	124	152	157	#160 ##817	#388 ##561	2474

# Not immunized since 31.12.49  
## Immunized since 31.12.49

Age Group	Under 1	1	2 - 4	5 - 14	15 or over.
Vaccinations	92	4	6	2	4
Re-vaccinations	-	-	-	4	8

SECTION D.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

There are eleven (11) firms or dealers distributing milk inside the district. Producer retailers are registered by the Ministry of Agriculture.

The licences granted during the year to sell designated milk as provided by the Milk and Dairy Regulations 1949 were:

Dealers' Licences issued to use the special designation Tuberculin Tested	- 4
Dealers' Licences issued to use the special designation Pasteurized	- 6
Supplementary Licences issued to use the special designation Tuberculin Tested	- 4
Supplementary Licences issued to use the special designation Pasteurised	- 3

Two hundred and forty three (243) tests were made by the Public Health Laboratory Service on one hundred and fifty eight (158) samples taken in the district and the results are shown in the following pages.

a) Tuberculin Tested Milk.

Date.	Retailer.	Producer.	Methylene Blue Test.	Biological Test for Tuberculosis.	Ring Test for Brucellosis.	Culture for Brucella.	Biological Test for Brucellosis.
18.5.54	A	B	Satisfactory	Negative			
22.6.54	A	B	do.	do.			
27.7.54	A	C	Unsatisfactory	do.			
27.7.54	A	B	Satisfactory	do.			
11.8.54	A	A	do.	do.			
7.9.54	A	-	Unsatisfactory	Negative			
16.9.54	A	A	Satisfactory	do.			
16.9.54	A	B	do.	do.			
16.9.54	A	C	do.	do.			
30.11.54	A	B					
19.1.54	B	-	Unsatisfactory	Negative			
19.1.54	B	-	do.	do.			
26.5.54	C	-	Satisfactory				
20.7.54	C	F	do.				
20.7.54	C	D	do.				
20.7.54	C	E	do.				
16.2.54	E	-	Satisfactory	Negative			
16.2.54	E	-	Unsatisfactory	do.			
8.3.54	E	-	Satisfactory	do.			
8.3.54	E	-	Unsatisfactory	do.			
16.3.54	E	-	Satisfactory	do.			
16.3.54	E	-	Unsatisfactory	do.			
24.3.54	E	-	do.				
24.3.54	E	-	do.				
6.4.54	E	-	do.				
6.4.54	E	-	do.				
21.4.54	E	-	do.				
21.4.54	E	-	Satisfactory				
5.5.54	E	-	do.				
5.5.54	E	-	do.				







a) Tuberculin Tested Milk (Contd.)

Date.	Retailer.	Producer.	Methylene Blue Test.	Biological Test for Tuberculosis.	Ring Test for Brucellosis.	Culture for Brucella.	Biological Test for Brucellosis.
29.12.54	F	H				Negative	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
29.12.54	F	H				do.	
22. 6.54	G	H	Satisfactory				
20.1.54	H	-	Satisfactory	Negative			
20.1.54	H	-	do.	do.			
19.5.54	H	J	Unsatisfactory				
19.5.54	H	K	Satisfactory				
19.5.54	H	L	do.				
19.5.54	H	L	do.				
19.5.54	H	K	do.				
19.5.54	H	L	do.				
19.5.54	H	K	do.				
19.5.54	H	K	do.				
30.11.54	H	-	Unsatisfactory				
30.11.54	H	-	do.				
7.12.54	H	J	Satisfactory				
7.12.54	H	L	do.				
7.12.54	H	L	do.				
9.12.54	H	K	Unsatisfactory				
21. 4.54	K	-	Satisfactory				
21.4.54	K	-	Unsatisfactory				
18.5.54	K	P	Satisfactory.				

a) Tuberculin Tested Milk (Contd.)

Date.	Retailer.	Producer.	Methylene Blue Test.	Biological Test for Tuberculosis.	Ring Test for Brucellosis.	Culture for Brucella.	Biological Test for Brucellosis.
21.4.54	L	-	Unsatisfactory				
21.4.54	L	-	Satisfactory				
5.5.54	L	Q	do.				
6.4.54	M	R	Unsatisfactory				
16.2.54	P	T	Unsatisfactory	Negative			
12.10.54	Q	J	Satisfactory	do.			
27.9.54	R	V		do.	Negative		Positive
6.4.54	-	S	Satisfactory	do.			

b) Pasteurised Milk.

Date.	Retailer.	Producer.	Methylene Blue Test.	Phosphatase Test.	Biological Test for Tuberculosis.	Cultures for Haemolytic Streptococci	Biological Test for Brucellosis.
8.3.54	E	J	Satisfactory	Satisfactory			
22.6.54	E	-	-	do.	Negative		
21.6.54	E	-	-	do.	do.		
12.10.54	E	-	Satisfactory	do.	-		
12.10.54	E	-	do.	do.	-		
24.3.54	O	-	do.	do.	-		
12.10.54	Q	J	do.	do.	-		

c) Undesignated Milk.

Date.	Retailer.	Producer.	Methylene Blue Test.	Phosphatase Test.	Biological Test for Tuberculosis.	Cultures for Haemolytic Streptococci.	Biological Test for Brucellosis.
22.6.54	D	G	Unsatisfactory		Negative		
30.11.54	D	G	Satisfactory				
26.5.54	G	I	Satisfactory				
18.5.54	I	M	Satisfactory				
18.5.54	J	O	do.				
12.10.54	C	U			Negative		Negative
23.2.54	S	W				Positive	
25.10.54	T	X	Unsatisfactory		Negative		
25.10.54	Y	U	Unsatisfactory		Positive		

...

d) Examination of Containers.

Examination of bottles for cleanliness is done by taking a bottle from the filling machine before it is filled with milk. The bottle is capped in the ordinary way and the residual washing water examined at the bacteriological laboratory.

The following provisional classification is suggested by the Public Health Laboratory Service:-

Not more than 600	- Satisfactory
Not more than 2000	- Fairly satisfactory
Over 2000	- Unsatisfactory

The bottle washings are also examined for the presence of B.Coli, i.e. excremental organisms.

<u>Date.</u>	<u>Retailer.</u>	<u>Colonies per Pint Bottle.</u>	<u>B.Coli Present.</u>
21.5.54	H	40	Nil
22.7.54	B	500	Nil
3.12.54	D	Nil	Nil
3.2.54	H	Nil	Nil
3.2.54	A	60	Nil
<u>Total.</u>		Satisfactory - 5	Unsatisfactory - Nil

Ice Cream.

Forty-five (45) premises are now registered for the sale of ice-cream. The ice-cream is supplied by seven (7) large manufacturers. None is manufactured within the district. Four (4) samples were taken and Laboratory examination showed the following results:-

<u>Date.</u>	<u>Producer.</u>	<u>Retailer.</u>	<u>Result.</u>
24.6.54	A	X	Satisfactory
24.6.54	B	X	do.
24.6.54	C	Y	do.
24.6.54	D	Z	do.

Food Premises.

Food shops, including cafes, number seventy-two (72). The Sanitary Inspectors and myself paid many visits to such places to ensure a high standard of hygiene and general compliance with Byelaws to ensure the proper handling, wrapping and delivery of food. Sanitary conditions on licensed premises are also being investigated since although, in general, hygiene is practised at the bar, the number and condition of sanitary conveniences still leaves much to be desired.

## SECTION E.

SANITARY CIRCUMSTANCES OF THE AREA.Water Supplies.

The Authority possesses four sources of supply; two at Codford described as the Codford borehole and the W.D. borehole; the third at Luccombe near Bratton and the fourth at Diver's Bridge, Chapmanslade.

a) Codford Borehole.Bacteriological Analysis.Raw Water.

Date.	Source of Sample.	Source of Supply.	Bact:	Est.	Est.
			Count	Coli	Faecal
			Cols:	Aero-	B. Coli
			per	Count	Count
			1 m.l	per	per
				100 m.l.	100 m.l.
4. 1.54	Borehole, Codford.	Borehole, Codford.	5	3	Nil
7. 1.54	do.	do.	5	8	Nil
14. 1.54	do.	do.	2	35	Nil
18. 1.54	do.	do.	226	3	Nil
21. 1.54	do.	do.	-1	-1	Nil
26. 1.54	do.	do.	7	-1	Nil
1. 2.54	do.	do.	-1	-1	Nil
4. 2.54	do.	do.	25	-1	Nil
10. 2.54	do.	do.	31	Nil	Nil
15. 2.54	do.	do.	3	Nil	Nil
22. 2.54	do.	do.	1	13	Nil
4. 3.54	do.	do.	2	Nil	Nil
8. 3.54	do.	do.	Nil	Nil	Nil
15. 3.54	do.	do.	Nil	Nil	Nil
22. 3.54	do.	do.	Nil	Nil	Nil
29. 3.54	do.	do.	Nil	Nil	Nil
6. 4.54	do.	do.	Nil	Nil	Nil
15. 4.54	do.	do.	2	3	Nil
21. 4.54	do.	do.	2	3	Nil
27. 4.54	do.	do.	4	Nil	Nil
3. 5.54	do.	do.	3	Nil	Nil
11. 5.54	do.	do.	9	Nil	Nil
24. 5.54	do.	do.	500+	180+	Nil
31. 5.54	do.	do.	100	180+	160
9. 6.54	do.	do.	100+	25	8
14. 6.54	do.	do.	6	17	Nil
24. 6.54	do.	do.	356	180+	Nil
28. 6.54	do.	do.	316	180+	160
8. 7.54	do.	do.	500+	180+	50
12. 7.54	do.	do.	224	180+	50
19. 7.54	do.	do.	100+	6	Nil
28. 7.54	do.	do.	500+	180+	35
4. 8.54	do.	do.	500+	180+	8
10. 8.54	do.	do.	500+	20	3
19. 8.54	do.	do.	308	180+	5
23. 8.54	do.	do.	500+	180+	10
1. 9.54	do.	do.	73	180+	Nil
9. 9.54	do.	do.	2	180+	3
14. 9.54	do.	do.	180	180+	Nil
21. 9.54	do.	do.	344	180+	3
28. 9.54	do.	do.	480	180+	7
5.10.54	do.	do.	328	180+	90
11.10.54	do.	do.	500+	180+	3
22.10.54	do.	do.	320	180+	Nil
27.10.54	do.	do.	280	180+	Nil
1.11.54	do.	do.	500+	180+	90
9.11.54	do.	do.	4	11	Nil
16.11.54	do.	do.	47	5	Nil
25.11.54	do.	do.	81	Nil	Nil
29.11.54	do.	do.	4	Nil	Nil



# Water Supplies.

## a) Codford Borehole.

### Raw Water (Contd.)

Date.	Source of Sample.	Source of Supply.	Bact:	Est.	Est.
			Count	Coli	Faecal
			Colts:	per	E. Coli
			per	100 m.l	Count
			1 m.l		per
					100 m.l
6.12.54	Borehole, Codford.	Borehole, Codford.	1	3	Nil
15.12.54	do.	do.	3	Nil	Nil
20.12.54	do.	do.	Nil	Nil	Nil

### Treated Water.

4. 1.54	Tap in Pumphouse,		3	3	Nil
	Codford.				
7.1.54	do.	do.	1	Nil	Nil
14. 1.54	do.	do.	0	Nil	Nil
18. 1.54	do.	do.	5	Nil	Nil
21. 1.54	do.	do.	-1	-1	Nil
26. 1.54	do.	do.	7	-1	Nil
1. 2.54	do.	do.	1	-1	Nil
4. 2.54	do.	do.	Nil	Nil	Nil
10. 2.54	do.	do.	2	Nil	Nil
15. 2.54	do.	do.	3	Nil	Nil
22. 2.54	do.	do.	16	Nil	Nil
4. 3.54	do.	do.	Nil	Nil	Nil
8. 3.54	do.	do.	1	Nil	Nil
15. 3.54	do.	do.	3	Nil	Nil
22. 3.54	do.	do.	Nil	Nil	Nil
29. 3.54	do.	do.	7	Nil	Nil
30. 3.54	Home Farm, Boyton	do.	1	8	Nil
6. 4.54	Tap in Pumphouse,				
	Codford.	do.	1	Nil	Nil
15. 4.54	do.	do.	Nil	Nil	Nil
21. 4.54	do.	do.	Nil	Nil	Nil
27. 4.54	do.	do.	1	Nil	Nil
3. 5.54	do.	do.	1	Nil	Nil
11. 5.54	do.	do.	Nil	Nil	Nil
24. 5.54	do.	do.	1	Nil	Nil
31. 5.54	do.	do.	Nil	Nil	Nil
9. 6.54	Home Farm, Boyton.	do.	2	1	Nil
9. 6.54	Tap in Pumphouse,				
	Codford.	do.	Nil	Nil	Nil
14. 6.54	do.	do.	3	Nil	Nil
24. 6.54	do.	do.	2	3	Nil
28. 6.54	do.	do.	Nil	Nil	Nil
12. 7.54	do.	do.	4	Nil	Nil
19. 7.54	do.	do.	Nil	Nil	Nil
28. 7.54	do.	do.	2	Nil	Nil
4. 8.54	do.	do.	Nil	Nil	Nil
10. 8.54	do.	do.	3	Nil	Nil
19. 8.54	do.	do.	250	Nil	Nil
23. 8.54	do.	do.	4	Nil	Nil
1. 9.54	do.	do.	104	Nil	Nil
3. 9.54	do.	do.	Nil	Nil	Nil
14. 9.54	do.	do.	8	8	Nil
21. 9.54	do.	do.	2	Nil	Nil
8. 9.54	do.	do.	Nil	Nil	Nil
8. 9.54	do.	do.	46	Nil	Nil
5.10.54	do.	do.	Nil	Nil	Nil
11.10.54	do.	do.	1	Nil	Nil
16.10.54	do.	do.	Nil	Nil	Nil
27.10.54	do.	do.	Nil	Nil	Nil
1.11.54	do.	do.	8	Nil	Nil
9.11.54	do.	do.	Nil	Nil	Nil
16.11.54	do.	do.	Nil	Nil	Nil

# Water Supplies.

## a) Codford Borehole.

### Treated Water (Contd.)

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u> <u>Cols:</u> <u>per</u> <u>1 m.l</u>	<u>Coli</u> <u>Acro-</u> <u>genes</u> <u>Count</u> <u>per</u> <u>100 m.l</u>	<u>Faecal</u> <u>B.Coli</u> <u>Count</u> <u>per</u> <u>100 m.l</u>
25.11.54	Tap in Pumphouse, Codford.	Borehole, Codford.	133	Nil	Nil
29.11.54	do.	do.	Nil.	Nil	Nil
6.12.54	do.	do.	Nil.	Nil	Nil
15.12.54	do.	do.	4	Nil	Nil
20.12.54	do.	do.	Nil	Nil	Nil

These results shew that this supply, a shallow well in the chalk, is open to pollution and that pollution is actually taking place. Coliform organisms were present in over 60% of the samples and faecal organisms were detected in 30% of the samples. Moreover the process of sterilization by chlorination was not being carried out efficiently since coliform organisms were present in three samples of treated water which were taken at the pumphouse.

The pollution can in general be correlated with the weather. The period January to April was dry with an official drought declared during April. Showers in May were followed by heavy rain in June. The remaining six months could be described as wet except for October when the rainfall was much lighter.

## b) W.D. Borehole, Codford.

### Bacteriological Analysis.

#### Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u> <u>Cols:</u> <u>per</u> <u>1 m.l</u>	<u>Coli</u> <u>Acro-</u> <u>genes</u> <u>Count</u> <u>per</u> <u>100 m.l</u>	<u>Faecal</u> <u>B.Coli</u> <u>Count</u> <u>per</u> <u>100 m.l</u>
4. 1.54	Pumphouse, Codford.	Ex W.D. Supply	Nil	Nil	Nil
14. 1.54	do.	do.	2	13	Nil
18. 1.54	do.	do.	6	14	Nil
21. 1.54	do.	do.	1	1	Nil
26. 1.54	do.	do.	4	-1	Nil
4. 2.54	do.	do.	5	-1	Nil
10. 2.54	do.	do.	1	5	Nil
15. 2.54	do.	do.	104	Nil	Nil
22. 2.54	do.	do.	Nil	Nil	Nil
4. 3.54	do.	do.	500+	3	Nil
8. 3.54	do.	do.	4	50	Nil
15. 3.54	do.	do.	Nil	Nil	Nil
22. 3.54	do.	do.	1	Nil	Nil
22. 3.54	Tap in Council House, The Grove, Codford.	do.	Nil	Nil	Nil
29. 3.54	Pumphouse, Codford.	do.	4	7	Nil
31. 3.54	Council House, Corton	do.	Nil	3	Nil
6. 4.54	Pumphouse, Codford.	do.	15	Nil	Nil
15. 4.54	do.	do.	3	3	Nil
3. 5.54	do.	do.	2	Nil	Nil
21. 4.54	do.	do.	1	Nil	Nil
27. 4.54	do.	do.	10	Nil	Nil
11. 5.54	do.	do.	Nil	Nil	Nil
24. 5.54	do.	do.	24	3	Nil
31. 5.54	do.	do.	4	Nil	Nil
9. 6.54	do.	do.	Nil	Nil	Nil
9. 6.54	Tap in Council House, The Grove, Codford.	do.	Nil	Nil	Nil

# Water Supplies.

## b) W.D. Borehole, Codford.

### Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact.</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
14. 6.54	Pumphouse, Codford.	Ex W.D. Supply.	4	8	Nil
24. 6.54	do.	do.	1	3	Nil.
28. 6.54	do.	do.	98	Nil	Nil
9. 6.54	Council House, Corton	do.	Nil	Nil	Nil.
12. 7.54	Pumphouse, Codford.	do.	15	Nil	Nil.
19. 7.54	do.	do.	Nil.	Nil	Nil.
4. 8.54	do.	do.	108	Nil	Nil.
10. 8.54	do.	do.	Nil.	Nil	Nil
19. 8.54	do.	do.	450	5	Nil
23. 8.54	do.	do.	46	90	Nil
9. 9.54	do.	do.	2	Nil	Nil
14. 9.54	do.	do.	Nil	Nil	Nil
21. 9.54	do.	do.	4	11	5
28. 9.54	do.	do.	1	Nil	Nil
28. 9.54	Council House, Corton	do.	Nil	Nil	Nil
28. 9.54	Tap in Council House,				
	The Grove, Codford.	do.	5	Nil	Nil
6.10.54	Pumphouse, Codford.	do.	2	3	Nil
11.10.54	do.	do.	41	90	Nil
20.10.54	do.	do.	3	90	Nil
27.10.54	do.	do.	6	90	Nil
1.11.54	do.	do.	5	90	Nil
16.11.54	Borehole, Codford.	do.	222	90	Nil

### Treated Water.

9.11.54	Pumphouse, Codford.	do.	Nil	Nil	Nil
9.11.54	Tap in Council House,				
	The Grove, Codford.	do.	Nil	Nil	Nil
16.11.54	Pumphouse, Codford.	do.	Nil	Nil	Nil
25.11.54	do.	do.	6	Nil	Nil
29.11.54	Tap, Hillview, Codford.	do.	1	Nil	Nil.
29.11.54	Pumphouse, Codford.	do.	3	14	Nil
6.12.54	do.	do.	1	Nil	Nil.
15.12.54	do.	do.	Nil	Nil	Nil.
20.12.54	do.	do.	Nil	Nil	Nil.

As a result of the analyses of water from the W.D. supply the Council was advised to chlorinate this supply and apparatus was installed in November.

## c) Luccombe Supply.

### Bacteriological Analysis.

#### Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact.</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
5. 1.54	Collecting Chamber	Luccombe	10	Nil	Nil
11. 1.54	do.	do.	7	13	Nil
21. 1.54	do.	do.	500+	90	Nil
27. 1.54	do.	do.	2	-1	Nil
4. 2.54	do.	do.	1	-1	Nil
8. 2.54	do.	do.	2	14	Nil
17. 2.54	do.	do.	54	13	Nil
22. 2.54	do.	do.	500+	8	Nil
1. 3.54	do.	do.	19	25	Nil



Water Supplies.

c) Luccombe Supply. (Contd.)

Bacteriological Analysis.

Treated Water.

Date.	Source of Sample.	Source of Supply.	Bact:	Est:	Est:
			Count	Coli	Faecal
			Cols:	Aero-	B.Coli
			per	genes	Count
			1 m.l	per	per
				100 m.l	100 m.l
5.1. 54	Council House, Court Orchard, Bratton.	Luccombe	2	Nil	Nil
1. 1.54	do.	do.	2	Nil	Nil
1. 1.54	do.	do.	12	Nil	Nil
7. 1.54	do.	do.	-1	-1	Nil
4. 2.54	do.	do.	5	-1	Nil
8. 2.54	do.	do.	Nil	Nil	Nil
7. 2.54	do.	do.	1	Nil	Nil
7. 2.54	Council House, Bulkington.	do.	Nil	Nil	Nil
7. 2.54	Standpipe, near Bridge, East Coulston.	do.	Nil	Nil	Nil
7. 2.54	Council House, Edington.	do.	Nil	Nil	Nil
7. 2.54	Council House, Hinton.	do.	2	Nil	Nil
7. 2.54	Council House, Keevil.	do.	3	Nil	Nil
7. 2.54	Council House, Steeple Ashton.	do.	Nil	Nil	Nil
7. 2.54	Council House, West Ashton.	do.	Nil	Nil	Nil
2. 2.54	Council House, Court Orchard, Bratton.	do.	1	Nil	Nil
1. 3.54	do.	do.	32	Nil	Nil
9. 3.54	do.	do.	Nil	Nil	Nil
6. 3.54	do.	do.	Nil	Nil	Nil
5. 3.54	do.	do.	3	13	Nil
0. 3.54	do.	do.	29	5	Nil
6. 4.54	do.	do.	Nil	Nil	Nil
3. 4.54	do.	do.	Nil	Nil	Nil
7. 4.54	do.	do.	4	Nil	Nil
2. 5.54	do.	do.	Nil	-1	Nil
9. 5.54	do.	do.	-1	-1	Nil
1. 5.54	do.	do.	3	Nil	Nil
9. 6.54	do.	do.	Nil	Nil	Nil
6. 6.54	do.	do.	Nil	Nil	Nil
2. 6.54	do.	do.	25	Nil	Nil
9. 6.54	do.	do.	10	Nil	Nil
7. 7.54	do.	do.		Nil	Nil
3. 7.54	do.	do.	Nil	Nil	Nil
6. 7.54	do.	do.	Nil	Nil	Nil
0. 7.54	do.	do.	1	Nil	Nil
4. 8.54	Council House, Steeple Ashton.	do.	1	Nil	Nil
4. 8.54	Council House, Hinton.	do.	Nil	Nil	Nil
4. 8.54	Council House, West Ashton	do.	22	Nil	Nil
4. 8.54	Council House, Keevil.	do.	Nil	Nil	Nil
4. 8.54	Council House, Bulkington	do.	178	Nil	Nil
4. 8.54	Standpipe near Bridge, East Coulston.	do.	7	Nil	Nil
1. 8.54	Council House, Court Orchard, Bratton.	do.		Nil	Nil
7. 8.54	do.	do.	1	Nil	Nil
7. 8.54	Council House, Edington.	do.	10	Nil	Nil
4. 8.54	Council House, Court Orchard, Bratton.	do.		Nil	Nil
1. 9.54	do.	do.	1	-1	Nil
7. 9.54	do.	do.	1	-1	Nil
3. 9.54	do.	do.	3	-1	Nil
2. 9.54	do.	do.		-1	Nil
9. 9.54	do.	do.		-1	Nil

Water Supplies.

c) Luccombe Supply.

Raw Water (Contd.)

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est:</u>	<u>Est:</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Agro-</u>	<u>B. Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l.</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.</u>
9. 3.54	Collecting Chamber	Luccombe	1	Nil	Nil
16. 3.54	do.	do.	21	5	Nil
25. 3.54	do.	do.	500+	17	Nil
29. 3.54	do.	do.	500+	Nil	Nil
6. 4.54	do.	do.	70	5	Nil
13. 4.54	do.	do.	500+	5	Nil
27. 4.54	do.	do.	226	8	Nil
12. 5.54	do.	do.	Nil	-1	Nil
19. 5.54	do.	do.	1	-1	Nil
31. 5.54	do.	do.	5	-1	Nil
9. 6.54	do.	do.	Nil	Nil	Nil
16. 6.54	do.	do.	20	Nil	Nil
22. 6.54	do.	do.	3	Nil	Nil
29. 6.54	do.	do.	2	Nil	Nil
7. 7.54	do.	do.		Nil	Nil
13. 7.54	do.	do.	1	Nil	Nil
20. 7.54	do.	do.	2	Nil	Nil
26. 7.54	do.	do.		3	3
4. 8.54	No.1 Shaft, Luccombe.	do.		Nil	Nil
4. 8.54	No.2 Shaft, Luccombe.	do.		Nil	Nil
4. 8.54	No.3 Shaft, Luccombe.	do.		1	1
4. 8.54	No.4 Shaft, Luccombe.	do.		2	2
4. 8.54	Collecting Chamber	do.		2	1
11. 8.54	Top Adit, Luccombe.	do.		100	
11. 8.54	No.4 Shaft, Luccombe.	do.		180+	
11. 8.54	Collecting Chamber	do.		2	1
11. 8.54	No.3 Shaft, Luccombe.	do.		5	3
17. 8.54	Collecting Chamber	do.	22	Nil	Nil
24. 8.54	do.	do.	9	8	8
1. 9.54	do.	do.	-1	-1	Nil
7. 9.54	do.	do.	6	8	8
13. 9.54	do.	do.	9	1	1
29. 9.54	do.	do.		-1	Nil
5.10.54	do.	do.		-1	Nil
4.10.54	do.	do.		-1	Nil
13.10.54	do.	do.	50	1	1
20.10.54	Collecting Chamber.	do.		3	1
20.10.54	No.1 Shaft, Luccombe.	do.		-1	Nil
20.10.54	No.2 Shaft, Luccombe.	do.		-1	Nil
20.10.54	No.3 Shaft, Luccombe.	do.		1	Nil
20.10.54	No.4 Shaft, Luccombe.	do.		-1	Nil
20.10.54	No.5 Shaft, Luccombe.	do.		13	1
26.10.54	Collecting Chamber.	do.	100+	6	Nil
2.11.54	do.	do.	3	1	1
8.11.54	do.	do.	130	1	Nil
8.11.54	No.1 Shaft, Luccombe.	do.	5	10	10
8.11.54	No.3 Shaft, Luccombe.	do.	30	160	35
8.11.54	No.4 Shaft, Luccombe.	do.	90	35	35
8.11.54	No.5 Shaft, Luccombe.	do.	1	5	5
17.11.54	Collecting Chamber.	do.	5	-1	Nil
29.11.54	do.	do.	6	1	Nil
7.12.54	do.	do.	6	8	
15.12.54	do.	do.	3	3	1
18.12.54	do.	do.	5	-1	Nil
29.12.54	do.	do.	5	-1	Nil



# Water Supplies.

## c) Luccombe Supply. (Contd.)

### Treated Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est:</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B. Coli</u>
			<u>per</u>	<u>Count</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
5.10.54	Council House, Court Orchard, Bratton.	Luccombe.		-1	Nil
4.10.54	do.	do.		-1	Nil
13.10.54	do.	do.	-1	-1	Nil
20.10.54	do.	do.		-1	Nil
26.10.54	do.	do.	2	-1	Nil
2.11.54	do.	do.	1	-1	Nil
8.11.54	do.	do.	2	-1	Nil
17.11.54	do.	do.	1	-1	Nil
29.11.54	do.	do.	3	-1	Nil
7.12.54	do.	do.	3	-1	Nil
15.12.54	do.	do.	5	-1	Nil
22.12.54	do.	do.	1	-1	Nil
29.12.54	do.	do.	1	-1	Nil

This supply was also subject to intermittent pollution. It was discovered that the brickwork at individual collecting chambers was in need of repair and that the public had easy access to the site. The Water Engineer has had repairs done and has taken steps to deny access. Safety is dependant on efficient chlorination and this is now taking place.

## d) Chapmanslade.

### Bacteriological Analysis.

#### Treated Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est:</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B. Coli</u>
			<u>per</u>	<u>Count</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
30. 3.54	Council House, Chapmanslade.	Springs, Divers Bridge, Corsley	2	25	Nil
16. 6.54	do.	do.	500+	8	7
21. 6.54	do.	do.	20	8	Nil
26. 6.54	Ram Chamber	do.	Nil	Nil	Nil
13. 9.54	Council House, Chapmanslade.	do.	3	180+	Nil

This supply is promised to be subject to treatment by dosing the water contained in the reservoir. It is an acid water and the results shew it to be polluted. Since it is not being efficiently treated and it will be some time before the source can be abandoned, I recommend the installation of an automatic chlorinating machine. The installation of such a plant is not to be regarded as a measure which would permit the use of the source from the moment an alternative supply can be made available.

## e) The Deverills.

### Bacteriological Analysis.

#### Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols</u>	<u>Aero-</u>	<u>B. Coli</u>
			<u>per</u>	<u>Count</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
25. 1.54	Well, Hurd's Cottages, Hill Deverill.	Shallow Well.	210	90	90
3. 2.54	Pump, Council Houses, Hill Deverill.	do.	20	-1	Nil
18. 5.54	do.	do.	3	5	Nil
25. 8.54	do.	do.	500+	180+	Nil
3.11.54	do.	do.	500+	180+	Nil

# Water Supplies.

## c) The Deverills. (Contd.)

			<u>Bact:</u>			<u>Est.</u>	<u>Est.</u>
			<u>Count</u>			<u>Coli</u>	<u>Faecal</u>
			<u>Cols</u>			<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>			<u>Count</u>	<u>Count</u>
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l</u>	<u>per</u>	<u>per</u>	<u>100 m.l</u>	<u>100 m.l</u>
	<u>Raw Water.</u>						
3.2.54	Council House, Monkton Deverill.	Shallow Well.	-1			-1	Nil
18.5.54	do.	do.	5			Nil	Nil
25.8.54	do.	do.	12			160	5
3.11.54	do.	do.	2			11	Nil

The villages in the Deverills are awaiting the development of the supply for the South Eastern Area when the polluted wells will be closed. Boiling notices have been displayed where necessary.

## SUPPLIES NOT CONTROLLED BY THE R.D.C.

### a) Heytesbury Estate.

			<u>Bact:</u>			<u>Est.</u>	<u>Est.</u>
			<u>Count</u>			<u>Coli</u>	<u>Faecal</u>
			<u>Cols</u>			<u>Acro-</u>	<u>B.Coli</u>
			<u>per</u>			<u>Count</u>	<u>Count</u>
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l</u>	<u>per</u>	<u>per</u>	<u>100 m.l</u>	<u>100 m.l</u>
	<u>Bacteriological Analysis.</u>						
	<u>Treated Water.</u>						
17. 2.54	Forum Cafe, Heytesbury.	Heytesbury Estate Supply	2			8	Nil
25. 5.54	do.	do.	1			Nil	Nil
1. 9.54	do.	do.	56			5	Nil
1.11.54	do.	do.	1			Nil	Nil
30. 3.54	Council Houses, Tytherington	do.	1			17	Nil
9. 6.54	do.	do.	1			Nil	Nil
28. 9.54	do.	do.	56			180+	3
17. 2.54	Council House, Knook.	do.	2			5	Nil
1. 9.54	do.	do.	1			Nil	Nil

This supply has been the subject of much investigation and negotiations are in progress to provide the village with a more wholesome water.

### b) The Deverills.

			<u>Bact.</u>			<u>Est.</u>	<u>Est.</u>
			<u>Count</u>			<u>Coli</u>	<u>Faecal</u>
			<u>Cols</u>			<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>			<u>Count</u>	<u>Count</u>
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l</u>	<u>per</u>	<u>per</u>	<u>100 m.l</u>	<u>100 m.l</u>
	<u>Raw Water.</u>						
3. 2.54	52 Longbridge Deverill.	Longleat Estate Supply.				2	2
18. 5.54	do.	do.	4			8	Nil
25. 8.54	do.	do.	5			160	Nil
3.11.54	do.	do.	2			50	Nil

Water supplies.b) The Deverills (Contd.)Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
3. 2.54	Cottage, Rye Hill	Rye Hill Farm Supply	10	-1	Nil
18. 5.54	Council Houses, Rye Hill.	do.	6	90	3
25. 8.54	do.	do.	1	35	Nil
3.11.54	do.	do.	5	180	Nil

c) Stockton.Bacteriological Analysis.Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
4.1.54	Council House, Stockton.	Yeatman-Biggs' Supply.	3	3	Nil
14.1.54	do.	do.	5	8	Nil
1.2.54	do.	do.	3	1	Nil
22.2.54	Standpipe opp. Carrier's Arms, Stockton.	Stockton Estate Supply.	1	Nil	Nil
25.5.54	do.	do.	7	30	Nil
25.5.54	Council House, Stockton.	Yeatman-Biggs' Supply.	12	5	Nil
22.2.54	do.	do.	1	13	Nil
3.8.54	do.	do.	42	Nil	Nil
4.8.54	do.	do.	12	3	Nil
6.8.54	Standpipe opp. Carrier's Arms, Stockton.	Stockton Estate Supply.	344	Nil	Nil
1.11.54	do.	do.	7	17	Nil
1.11.54	Council House, Stockton.	Yeatman-Biggs' Supply.	26	180+	35

Further sampling will shew whether this village should be included in the South Eastern Area Scheme since such inclusion is not at present envisaged.

d) Corsley.Bacteriological Analysis.Raw Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>Aero-</u>	<u>B.Coli</u>
			<u>per</u>	<u>genes</u>	<u>Count</u>
			<u>1 m.l</u>	<u>per</u>	<u>per</u>
				<u>100 m.l</u>	<u>100 m.l</u>
19. 1.54	Cottage, Mill Lane, Longhedge Springs (Longleat Estate) and Springs, Divers Bridge, Corsley.			1	Nil
30. 3.54	Council House, Corsley	do.	Nil	Nil	Nil
16. 6.54	do.	do.	500+	3	Nil
14. 9.54	do.	do.	3	Nil	Nil



# Water Supplies.

## e) Chitterne.

e) <u>Chitterne.</u>			<u>Est.</u>	<u>Est.</u>	
<u>Bacteriological Analysis.</u>			<u>Coli</u>	<u>Faecal</u>	
<u>Treated Water.</u>			<u>Aero-</u>	<u>B.Coli</u>	
			<u>Count</u>	<u>Count</u>	
			<u>Cols</u>	<u>Count</u>	
			<u>per</u>	<u>per</u>	
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l.</u>	<u>100 m.l</u>	
22.3.54	Old Council House, W.D.	Supply.	6	8	Nil
	Chitterne.				
22.3.54	Standpipe, Shrewton	do.	12	3	Nil
	Road, Chitterne.				
22.3.54	92 Shrewton Road,	Stratton's	6	Nil	Nil
	Chitterne.	Supply.			
16.6.54	Standpipe, Shrewton	W.D. Supply.	500+	Nil	Nil
	Road, Chitterne.				
16.6.54	92 Shrewton Road,	Stratton's	12	5	Nil
	Chitterne.	Supply.			
16.6.54	Tap, Council House,	W.D. Supply.	6	5	3
	Chitterne.				
28.9.54	do.	do.	4	13	Nil
28.9.54	92 Shrewton Road,	Stratton's	1	Nil	Nil
	Chitterne.	Supply.			
28.9.54	Standpipe, Shrewton	W.D. Supply.	31	3	Nil
	Road, Chitterne.				
4.11.54	93 Shrewton Road,	Well	94	50	5
	Chitterne.				
4.11.54	94 Shrewton Road,	do.	64	180+	3
	Chitterne.				

Representations have been made to the War Department and water supplied by them is now being chlorinated.

## f) Sutton Veny.

f) <u>Sutton Veny.</u>			<u>Est.</u>	<u>Est.</u>
<u>Bacteriological Analysis.</u>			<u>Coli</u>	<u>Faecal</u>
<u>Treated Water.</u>			<u>Aero-</u>	<u>B.Coli</u>
			<u>Count</u>	<u>Count</u>
			<u>per</u>	<u>per</u>
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l</u>	<u>100 m.l</u>
30. 3.54	Standpipe outside Woolpack Inn, Sutton Veny.	W.D. Supply, Swancombe Springs, Shearwater.	1	Nil
9. 6.54	do.	do.	7	Nil
28. 9.54	do.	do.	49	Nil

## g) Horningsham.

g) <u>Horningsham.</u>			<u>Est.</u>	<u>Est.</u>	
<u>Bacteriological Analysis.</u>			<u>Coli</u>	<u>Faecal</u>	
<u>Raw Water.</u>			<u>Aero-</u>	<u>B.Coli</u>	
			<u>Count</u>	<u>Count</u>	
			<u>Cols:</u>	<u>Count</u>	
			<u>per</u>	<u>per</u>	
<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>1 m.l</u>	<u>100 m.l</u>	
30. 3.54	School, Horningsham	Horningsham Supply	4	7	Nil
30. 3.54	The Bath Arms, Horningsham.	do.	39	Nil	Nil
16. 6.54	School, Horningsham	do.	172	30	Nil
16. 6.54	The Bath Arms, Horningsham.	do.	500+	11	Nil
26. 6.54	Reservoir, Knapps Gate, Longleat.	do.	5	Nil	Nil
27. 9.54	The Bath Arms, Horningsham.	do.	78	160	Nil
27. 9.54	School, Horningsham	do.	59	50	5

This village is also waiting for the supply of a wholesome water as a result of the Regional Scheme. Boiling notices have been displayed for some years.



i) Treated Water bought from other Water Authorities.

Bacteriological Analysis.

Treated Water.

<u>Date.</u>	<u>Source of Sample.</u>	<u>Source of Supply.</u>	<u>Bact:</u>	<u>Est.</u>	<u>Est.</u>
			<u>Count</u>	<u>Coli</u>	<u>Faecal</u>
			<u>Cols:</u>	<u>genes</u>	<u>B.Coli</u>
			<u>per</u>	<u>Count</u>	<u>Count</u>
			<u>per</u>	<u>per</u>	<u>per</u>
			<u>1 m.l</u>	<u>100 m.l</u>	<u>100 m.l</u>
9. 2.54	20 Petticoat Lane, W. & D.	Supply	1	-1	Nil
	Dilton Marsh.				
26. 5.54	do.	do.	1	Nil	Nil
25. 8.54	do.	do.	2	Nil	Nil
29.11.54	do.	do.	4	-1	Nil
2. 2.54	Council House, Heywood.	Borehole, Biss Bottom, Upton Scudamore.	1	Nil	Nil
12. 5.54	do.	do.	1	-1	Nil
5. 8.54	do.	do.	2	Nil	Nil
3.11.54	do.	do.	Nil	Nil	Nil
2. 2.54	Council House, Southwick.	do.	-1	-1	Nil
12. 5.54	do.	do.	1	Nil	Nil
5. 8.54	do.	do.	5	Nil	Nil
3.11.54	do.	do.	Nil	Nil	Nil
23. 2.54	Council House, Upton Scudamore.	do.	2	5	Nil
11. 5.54	do.	do.	260	11	Nil
5. 8.54	do.	do.	500+	7	Nil
3.11.54	do.	do.	Nil	Nil	Nil

Number of dwellinghouses supplied direct from  
Public Water Mains.

<u>Parish.</u>	<u>No. of Dwellinghouses at</u>	
	<u>31. 12. 53.</u>	<u>31. 12. 54.</u>
Bratton .....	194	205
Bishopstrow .....	46	46
Bulkington .....		63
Chapmanslade .....	126	126
East Coulston .....	25	25
Codford .....	92	94
Dilton Marsh .....	376	376
Edington .....	146	152
Heywood .....	133	135
Hinton .....	75	76
Keevil .....	77	79
North Bradley .....	278	278
Steeple Ashton .....	213	218
Sutton Veny .....	135	136
Southwick .....	175	176
Upton Scudamore .....	45	45
Upton Lovel .....	31	37
West Ashton .....	45	47

Number of Dwellinghouses supplied by means of  
Standpipes from Public Mains.

<u>Parish.</u>	<u>No. of Dwellinghouses at</u>	
	<u>31.12.53.</u>	<u>31.12.54.</u>
Chapmanslade .....	1	1
Sutton Veny .....	30	30
Upton Scudamore .....	8	8
East Coulston .....	1	1
West Ashton .....	4	4

FACTORIES ACTS, 1937 and 1948.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Number of Inspections	Number of Written notices	Occupiers prosecuted
i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities.	3	-	-	-
ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	32	15	-	-
iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
TOTAL	35	15	-	-

2. CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of cases in which defects were found			Number of Cases in which prosecutions were instituted.
	Found	Remedied	Referred By H.M. to H.L. Inspector	
Sanitary Conveniences (S.7)-				
Unsuitable or defective	3	-	-	-
TOTAL	3	-	-	-

OUTWORK (Sections 110 and 111)

No. of out-workers in August list required by Sect.110(1)(c)	
Wearing apparel (making, etc.)	145
Umbrellas, etc.	9
Basket making	1
TOTAL .....	155

HOUSING CONSOLIDATION REGULATIONS, 1925.

ARTICLE 31.

1.	The number of houses which on inspection were considered to be unfit for human habitation.	5
2.	The number of houses the defects in which were remedied in consequence of informal action by the Local Authority or their Officers.	6
3.	The number of representations made to the Local Authority with a view to:-	
	(a) the serving of notices requiring the execution of works, or	Nil
	(b) the making of demolition or closing orders.	2
4.	The number of notices served requiring the execution of works.	1 (Informal)
5.	The number of houses which were referred fit after service of formal notices.	Nil
6.	The number of demolition or closing orders made.	2
7.	The number of houses in respect of which an undertaking was accepted under sub-section (2) of Section 19 of the Housing Act, 1930.	Nil
8.	The number of houses demolished.	Nil



The Sanitary Inspector reports as follows:-

SEWERAGE.

The position of sewage disposal in the district remains much the same as in previous years although further improvements to the Disposal Works at Dilton Marsh have been carried out.

The Council continue to employ the services of the Hampshire Cleansing Services Ltd. to clear all the disposal plants on the Housing Estates.

The work of cleansing ditches and attending to the disposal plants is still carried out by a squad of only three men. It has been found very difficult for the Council to obtain labour for this type of work and consequently many of the ditches and disposal plants are not getting the attention required.

There still remains, of course, a very urgent need for Sewage Schemes through the district and with the provision of piped water supplies to most of this Authority's area, the drainage question has become a very serious problem.

HOUSING.

(a) New Housing Schemes.

The following Council Houses were completed during the year:-

Corsley	-	6
Upton Scudamore	-	8
Crockerton	-	10
Dilton Marsh	-	22 houses, 8 flats.
Steeple Ashton	-	22
Bratton	-	9 flats.

Building operations are in hand in the parishes of Codford and Upton Scudamore.

(b) Future Housing Programme.

The Council have been allocated 10 houses for 1955.

(c) Private Enterprise Housing.

Licensing restrictions were eased during the year and this resulted in increased private building. During the period under review 23 private dwellings were completed.

(d) Camps and Requisitioned Property.

The number of huts occupied on all Camp Sites now totals only 7.

<u>Details of Camp Sites.</u>	<u>1953.</u>	<u>1954.</u>
No.4 Site, Steeple Ashton.	- 11	4
No.10 Site, Steeple Ashton	- 12	-
Keevil	- 3	3
Bury Camp	- 15	8

It is hoped that these few remaining hutments will be cleared during 1955.

(e) Housing Survey.

A Housing Survey is still progressing. Action under Category 5 is still suspended for the time being.

(f) Housing Act, 1936 and Public Health Act, 1936.

Eight Informal Notices have been served, all have been complied with during the year under review. The work required to be carried out in connection with eight Notices, carried over from last year, has also been completed.

TENTS, VANS AND SHEDS.

There are two licensed camping sites in the district and twenty licences were issued to individual persons to station and use moveable dwellings. As the housing situation is not considerably easier, the occupiers of individual caravans were requested to obtain permanent housing accommodation.

SALVAGE AND REFUSE.

Salvage and refuse are collected fortnightly from all parishes. Three tips are in use at Penleigh, Heywood Park and Heytesbury. The W.D. have given notice that the tip at Heytesbury will no longer be available and arrangements have been made with the Heytesbury Estate for the use of land at Knock for tipping purposes.

It has still not been found possible to carry out a scheme of properly controlled tipping at Penleigh, owing to shortage of staff but improvements have been effected by reducing the face and using large amounts of covering material.

During 1954 a contract was entered into for the sale of waste paper etc. and during the year 18-tons 17-cwts. 1-qr. was sold, showing an income of £113. 17s. 6d.

RODENT DESTRUCTION.

Rodent destruction has again been carried out satisfactorily by a full-time operator and all cases brought to the Council's notice have been dealt with without delay.

No. of Complaints .....	78
No. of Dwellinghouses inspected .....	613
No. of Farms inspected .....	260
No. of Business Premises and others inspected .....	42
	915
No. of Infestations Found .....	549
No. of Premises treated .....	407

CONTROL OF OTHER VERMIN AND  
VERMINOUS PREMISES.

A number of cases of flea, fly and wasp infestations were reported and dealt with satisfactorily.

ATMOSPHERIC POLLUTION.

During the year the Council decided to install a Dust Deposit Gauge in Heywood Park, due to the imminent construction of a cement works in the area. This gauge was installed in September last and Analysis of the contents are made monthly, by the City Analyst at Bristol.

## FACTORIES.

The number of factories on the register at the end of 1954 is forty-three. One written notice was served concerning unsuitable or defective sanitary conveniences and one of unsuitable or defective sanitary accommodation has been remedied.

One hundred and fifty-four (154) out-workers were employed in the Rural District mainly on glovemaking.

## SANITARY INSPECTIONS OF THE DISTRICT.

The following is a summary of the inspections and visits made during 1954:-

Rodent Control	5
Water supply and Water Samples	328
Drainage, Sewage Works and Ditches	127
Tents, Vans and Sheds	22
Factories	15
Nuisances and Complaints	87
Miscellaneous and Sanitary Visits	310
Refuse Collection and Disposal	67
Works in progress	659
Drain Tests	257
Housing Inspections and Improvement Grants	96
Overcrowding	1
Infectious Disease	4
Slaughterhouses	70
Meat and Food	3
Bakehouses	8
Cafes, Ice-cream premises and Grocers' shops	52
Butchers' Shops	42
Fish and Chip Shops	5
Licensed Premises	21
Milk Retailers	229







